

REMARKS

The Applicants have carefully considered this application in connection with the Examiner's Action and respectfully request reconsideration of this application in view of the foregoing amendments and the following remarks.

The Applicants originally submitted Claims 1-20 in the application. Claims 21-38 were added in subsequent amendments thereto and Claims 1-15 and 21-23 were previously cancelled. Additionally, Claims 16, 25, 31, 34, 35 and 38 have been amended. Accordingly, Claims 16-20 and 24-38 are currently pending in the application.

I. Claim Objections

The Examiner has objected to Claims 31 and 35 stating that 'a common node' and 'a driver switch' should have antecedent basis or have additional modifiers. Claims 31 and 35 have been amended to overcome the Examiner's objections.

II. Rejection of Claims under 35 U.S.C. §102

The Examiner has rejected Claims 16-20 and 24-38 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 4,912,622 to Steigerwald, *et al.* ("Steigerwald"). As the Examiner is no doubt aware, anticipation requires that each and every element of the claimed invention be disclosed in a single prior art reference. The disclosed elements must either be disclosed expressly or inherently and must be arranged as in the rejected claims.

Steigerwald is directed to a control circuit for a full bridge switching converter including power field effect transistor switches. The control circuit including a gate driver with a voltage sensor that senses an instance when to gate the power field effect transistor on to achieve

substantially lossless switching by the converter. (Abstract). As illustrated in FIGURE 3a of Steigerwald, a pair of series-coupled driver switches of opposite polarity (switches Q32, Q7), having a common node therebetween, provides a drive signal for a power field effect transistor (transistor Q1). Steigerwald, however, fails to disclose the power converter including the driver as recited in independent Claims 16 and 25 of the present application, and the claims dependent thereon.

More specifically, Steigerwald fails to teach or suggest a power converter couplable to a source of electrical power adapted to provide an input voltage thereto and including a driver including switching circuitry referenced to a voltage level different from the input voltage and configured to provide a drive signal for a switch within a control voltage limit as a function of a signal from a controller as recited in Claims 16 and 25 of the present application. In accordance therewith, Steigerwald fails to teach or suggest that the switching circuitry includes a first pair of series-coupled driver switches of opposite polarity having a first common node therebetween, wherein a control terminal of one of the driver switches of the first pair of series-coupled driver switches cross coupled to a second common node between a second pair of series-coupled driver switches of opposite polarity, and a control terminal of one of the driver switches of the second pair of series-coupled driver switches cross coupled to the first common node as recited in Claims 16 and 25 of the present application.

Thus, Steigerwald does not disclose each and every element of Claim 16 and the claims dependent thereon, namely, Claims 17-20, 24 and 31-34. Additionally, Steigerwald does not disclose each and every element of Claim 25 and the claims dependent thereon, namely, Claims 26-30 and 35-38. Accordingly, the Applicants believe that Steigerwald is not an anticipating reference of the claims as recited in the present application, and respectfully request the

Examiner to withdraw the §102 rejection in view thereof with respect to Claims 16-20 and 24-38.

III. Conclusion

In view of the foregoing amendments and remarks, the Applicants now see all of the claims currently pending in this application to be in condition for allowance and therefore earnestly solicit a Notice of Allowance for Claims 16-20 and 24-38. Additionally, upon receiving a Notice of Allowance, the Applicants would appreciate that the Examiner renumber the claims to organize like claims in a series in successive order.

The Applicants request that the Examiner telephone the undersigned attorney of record at (972) 732-1001 if such would further expedite the prosecution of the present application. If a fee is due in connection with this filing, the Commissioner is hereby authorized to charge Deposit Account No. 50-1065.

Respectfully submitted,



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Date

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